

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

International Application No. : PCT/FR2003/002220
 International Filing Date : July 11, 2003
 Priority Date(s) Claimed : August 1, 2002
 Applicant(s) (DO/EO/US) : Elsa JOLIMAITRE et al.

Title: NON-HOMOGENEOUS ADSORBENT AND ITS USE IN DIFFUSIONAL SEPARATION PROCESS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

This information disclosure statement is made in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98 as follows:

Timing and Fees

- ☒ Under 37 C.F.R. § 1.97(b), no fee or statement is required for filing this information disclosure statement is filed:
- ☐ within three months of the filing date of a national application other than a CPA under § 1.53(d);
 - ☐ within three months of the actual filing date of the national phase of a PCT application; OR
 - ☒ before the mailing of a first substantive office action (including after filing of an RCE).
- ☐ Under 37 C.F.R. § 1.97(c), this information disclosure statement is filed after the periods specified in 37 C.F.R. § 1.97(b), but before the mailing date of:
- ☐ a final rejection under 37 C.F.R. 1.113;
 - ☐ termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2); OR
 - ☐ a notice of allowance under 37 C.F.R. § 1.311; and

is accompanied by:

☐ the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR

☐ a check covering the fee of _____ under 37 C.F.R. § 1.17(p).

☐ Under 37 C.F.R. § 1.97(d), this information disclosure statement is filed after the mailing date of the following actions which have not been withdrawn:

☐ a final action under 37 C.F.R. § 1.113;

☐ termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2);
OR

☐ a notice of allowance under 37 C.F.R. § 1.311;

AND is filed on or before payment of the issue fee; AND is accompanied by:

☐ the statement as specified in 37 C.F.R. § 1.97(e) as set forth below, and the fee of _____ under 37 C.F.R. § 1.17(p).

Statements Under 37 C.F.R. 1.97(e)

☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or

☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.

Cited Materials

☐ Copies of materials listed but not attached were cited in benefit (35 U.S.C. § 120) ancestor application Serial No. _____, on Form 892 by the Examiner and/or Form 1449 by the applicant; see 37 C.F.R. § 1.98(d).

☒ Copies of materials listed but not attached were cited in an international search report dated June 15, 2004.

☐ Copies of the materials listed are attached (except for the foregoing).

Non-English Language References

☐ An English-language search report or equivalent paper from a foreign patent office is provided indicating the relevance of the cited reference(s).

☒ A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:

X = document of particular relevance when it is taken alone

Y = document of particular relevance when it is combined with another such document

A = document defining the general state of the art

O = non-written disclosure

P = intercalated document

T = document cited to understand the theory or principle underlying the invention

E = patent document which has the benefit of a date earlier than the filing date and which was published only on or after this filing date

D = cited in the application

L = cited for another reason

& = publication of member of same patent family

☒ Translation of other relevant information on foreign search report

ligne - line; revendications - claims; colonne - column; exemples- examples
document en entier - entire document; abrege - abstract cite dans la demande-
cite in the entire application

Other Information

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☐ A check for \$ covering the fee identified above is attached.

☐ Please charge to Deposit Account No. 13-3402 \$ for the fee identified above.

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Respectfully submitted,

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Attorney Docket No.: PET-2171

Date: January 31, 2005

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number

Unassigned

Filing Date

January 31, 2005

First Named Inventor

Elsa JOLIMAITRE et al.

Group Art Unit

Unassigned

Examiner Name

Unassigned

Attorney Docket Number

PET-2171

10/522782

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	4420419		OGAWA MASAhide	December 13, 1983
	2	2002045793			April 18, 2002
	3	3827989			August 6, 1974
	4	6284021			September 4, 2001

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	5	FR	2794993		L'AIR LIQUIDE	December 22, 2000		
	6	EP	1182246		INST FRANCAIS DU PETROL	February 27, 2002		Equv to cite 2
	7	WO	9532049		TDA RESEARCH INC	November 30, 1995		
	8	FR	2206123		ATOMIC ENERGY COMMISSION	June 7, 1974		Equv to cite 3
	9	EP	1080771		THE BOC GROUP	March 7, 2001		Equv to cite 4
	10	JP	09057095		MINAGAWA TETSUJIRO	March 4, 1997		
	11	JP	04367722		EBARA INFILCO KK	December 21, 1992		
	12	JP	01151939		LION CORP	June 14, 1989		
	13	JP	59016832		KOGYO GIJUTSUIN	January 28 1984		

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.

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